

# ZENON-3s-DF6-IV-2.8

The ZENON-3s-DF6-IV-2.8 is 6 Megapixel 2.8mm Fixed IP67/IK10 Vandal Proof Dome. It has a Smart IR Viewing Distance of up to 30m, 120dB rated True WDR and 1 in/1 out Alarm/Audio interface.

Utilising a Ambarella SoC the ZENON-3s-DF6-IV-2.8 has H.265 compression (High Efficiency Video Coding) as standard, H.265 was developed to improve HDD storage requirements and reduce bandwidth consumption. For example, at an identical level of visual quality the H.265 codec enables video to be compressed to a file about half the size (or half the bit rate) of H.264.

Also, incorporated in the ZENON-3s-DF6-IV-2.8 are intelligent detection functions such as tripwire, intrusion, missing/abandoned object etc.



## ● PERFORMANCE

Image Sensor	1/2.9" CMOS
Chipset	Ambarella
RAM/ROM	512MB / 32MB
Effective Pixels	3072(H) x 2048(V)
Video Compression	H.265E, H.265, H.264E, H.264
Audio Compression	G.711a, G.711Mu, AAC, G.726
Resolution (Max)	6MP (3072 x 2048)
Streams (Total)	3
- Main Stream	6MP (1~20fps)
- Sub Stream	D1 (1~25fps)
- 3rd Stream	1080P (1~25fps)
Bit Rate	14 ~ 9,984Kbps (H.265) 24 ~ 10,240Kbps (H.264)
Blacklight Compensation	BLC / HLC
Wide Dynamic Range	WDR (120dB)
White Balance	Auto / Manual
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Privacy Masking	Upto 4 areas
Special Functions	-

## ● LENS

Focal Length	2.8mm
Max Aperture	Fixed
Focus Control	F1.6
Angle of View	Fixed
Detect (DORI)	25px/m - Wide = 69m
Observe (DORI)	63px/m - Wide = 28m
Recognize (DORI)	125px/m - Wide = 14m
Identify (DORI)	250px/m - Wide = 7m

## ● DAY & NIGHT

Min. Illumination	Colour 0.04 Lux @ F1.6 (1/3s,30IRE) IR On 0 Lux @ F1.6 (IR On)
Day/Night	Auto (ICR) / Colour/ B&W
IR Distance	30m (Smart IR)

## ● CONNECTIVITY

Ethernet	1 - RJ45 (10/100Base-T)
Analogue Port	-
Alarm Input	1 (5mA, 5vDC)
Alarm Output	1 (300mA, 12vDC)
Audio Input	1
Audio Output	1
RS-485	-
Memory Slot	Micro SD (Max 128GB)

## ● SOFTWARE

Network Functions	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Smart Phone/ Tablet	EasyViewer/ICRSS Pro / ICView
PC/ Mac Software	Smart ICRSS / Web Browser
Interoperability	ONVIF, PSIA, CGI
Intelligent Functions	Tripwire, Intrusion, Abandoned/ Missing Object, Face Detect
Trigger Mode	Manual / Auto (alarm triggered)
Trigger Event	Manual / Auto (alarm triggered)

## ● ENVIRONMENTAL

Power	12v DC, PoE (802.3af, Class 0)
Consumption	<5.5W
Working Environment	-30°C~60°C / Less than 95% RH
Ingress Protection	IP67
Vandal Protection	IK10
Casing Material	Metal
Dimensions	Ø109.9 x 81mm
Weight	0.41kg NET / 0.53kg Gross

## ● ACCESSORIES (OPTIONAL)

Junction Base	BASE-136-W
Pole Mount	MNT-203-W + MNT-PM152-E
Wall Mount	MNT-203-W
Coax to Ethernet Converter	LR1002